



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/economy

Butler Manufacturing,
A Division of BlueScope Buildings North America, Inc.
13500 Botts Road
Grandview, Missouri 64030

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER- Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: "Butlerib II" 0.0235" (min.) Galvalume Steel Structural Roof Panel

APPROVAL DOCUMENT: Drawing No. B, titled "Butlerib II", sheets 1 through 5 of 5, prepared by Butler Manufacturing, a Division of BlueScope Buildings North America, Inc., signed and sealed by Russell L. Benton, P.E. on February 13, 2014, bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and the expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each panel shall bear a permanent label with the manufacturer's name or logo, city, state and the following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises & renews NOA # 10-0901.19 and consists of this page 1, evidence submitted pages E-1, E-2, E-3, & E-4 as well as approval document mentioned above.

The submitted documentation was reviewed by **Helmy A. Makar, P.E., M.S.**



Helmy A. Makar
05/15/2014

NOA No. 14-0221.05
Expiration Date: 02/24/2019
Approval Date: 05/15/2014
Page 1

Butler Manufacturing,
A Division of BlueScope Buildings North America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #99-0816.09

A. DRAWINGS

1. *Drawing No. B, sheets 1 through 5 of 5, prepared by Suresh C. Satsangi, P.E., dated November 9, 1999, signed and sealed by Suresh C. Satsangi, P.E.*

B. TESTS

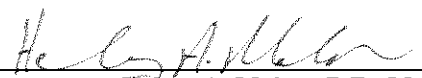
1. *Test report on Large Missile Impact and Uplift Resistance per UL 580 Class 90 on Butlerib II Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0063-0315-99, dated July 23, 1999, signed and sealed by Vinu J. Abraham, P.E.*
2. *Test report on Accelerated Weathering Testing of Coating 2000 hours per ASTM G26-96, prepared by Celotex, Report No. 520223, dated 08/02/99, signed and sealed by R. C. Miller, P.E.*
3. *Test report on Salt Spray Testing of Coating 1000 hours per ASTM B117-95, prepared by Celotex, Report No. 520223, dated 08/02/99, signed and sealed by R. C. Miller, P.E.*
4. *Susceptibility to leakage test in accordance with Miami-Dade County Protocol PA 114 Appendix G, prepared by Celotex, Report No. 520223-2, dated 08/03/99, signed and sealed by R. C. Miller, P.E.*

C. CALCULATIONS

1. *Calculations titled "Butlerib II Roof System - Panels", 7 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*
2. *Calculations titled "Butlerib II Wind Load Design for Roof", dated 07/28/99, 7 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*
3. *Calculations titled "Butlerib II Wind Load Design for Roof", dated 12/21/99, 8 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*

D. MATERIAL CERTIFICATIONS

1. *Mill Certified Test Report issued by National Steel, dated 02/12/99, with chemical composition and mechanical properties of galvalume steel.*
2. *Tensile Test on specimen #1 of Test No. 0063-0315-99, Report No. 9CM-777, prepared by QC Metallurgical, Inc., dated 04/23/99, signed and sealed by Frank Grate, P.E.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0221.05
Expiration Date: 02/24/2019
Approval Date: 05/15/2014

Butler Manufacturing,
A Division of BlueScope Buildings North America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

2. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL #00-0503.03

A. DRAWINGS

1. *Drawing No. B, sheets 1 through 5 of 5, prepared by Suresh C. Satsangi, P.E., dated November 9, 1999, last revision #1 dated April 27, 2000, signed and sealed by Suresh C. Satsangi, P.E.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *Calculations titled "Butlerib II Wind Load Design for Roof", dated 01/14/00, 8 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*
2. *Calculations titled "Butlerib II Wind Load Design for Roof", dated 08/15/00, 8 pages, prepared by Suresh C. Satsangi, P.E., signed and sealed by Suresh C. Satsangi, P.E.*

D. MATERIAL CERTIFICATIONS

1. *None.*

3. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 03-0128.01

A. DRAWINGS

1. *Drawing No. B, titled "Butlerib II", sheets 1 through 5 of 5, prepared by Butler Manufacturing Company, signed and sealed by John Ernest Lamb, P.E. on April 30, 2003*

B. TESTS


1. *None.*

C. CALCULATIONS

1. *None.*

D. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0221.05
Expiration Date: 02/24/2019
Approval Date: 05/15/2014

Butler Manufacturing,
A Division of BlueScope Buildings North America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 08-0208.03

A. DRAWINGS

1. None.

B. TESTS

1. None.

C. CALCULATIONS

1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.

5. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 09-0107.07

A. DRAWINGS

1. Drawing No. B, titled " Butlerib II ", sheets 1 through 5 of 5, prepared by Butler Manufacturing Company, last revision #4 dated December 08, 2008, signed and sealed by Russell L. Benton, P.E. on December 10, 2008.

B. TESTS

1. Test report on Uniform Static Uplift Pressure per ASTM E-1592 on Butlerib II Roof Panel, prepared by Hurricane Test Laboratory, Inc., Report No. 0063-0904-08, dated December 15, 2008, signed and sealed by Vinu J. Abraham, P.E.

C. CALCULATIONS

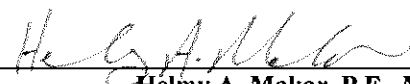
1. None.

D. QUALITY ASSURANCE

1. By Miami-Dade County Building Code Compliance Office.

E. MATERIAL CERTIFICATIONS

1. None.



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0221.05
Expiration Date: 02/24/2019
Approval Date: 05/15/2014

Butler Manufacturing,
A Division of BlueScope Buildings North America, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

6. EVIDENCE SUBMITTED UNDER PREVIOUS APPROVAL # 10-0901.19

A. DRAWINGS

1. *Drawing No. B, titled "Butlerib II", sheets 1 through 5 of 5, prepared by Butler Manufacturing, a Division of BlueScope Buildings North America, Inc., signed and sealed by Russell L. Benton, P.E. on January 24, 2011.*

B. TESTS

1. *None.*

C. CALCULATIONS

1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Building and Neighborhood Compliance Department.*

E. MATERIAL CERTIFICATIONS

1. *None.*

7. NEW EVIDENCE SUBMITTED

A. DRAWINGS

1. *Drawing No. B, titled "Butlerib II", sheets 1 through 5 of 5, prepared by Butler Manufacturing, a Division of BlueScope Buildings North America, Inc., signed and sealed by Russell L. Benton, P.E. on February 13, 2014.*

B. TESTS

1. *None.*

C. CALCULATIONS

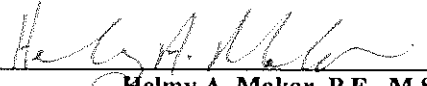
1. *None.*

D. QUALITY ASSURANCE

1. *By Miami-Dade County Department of Regulatory and Economic Resources.*

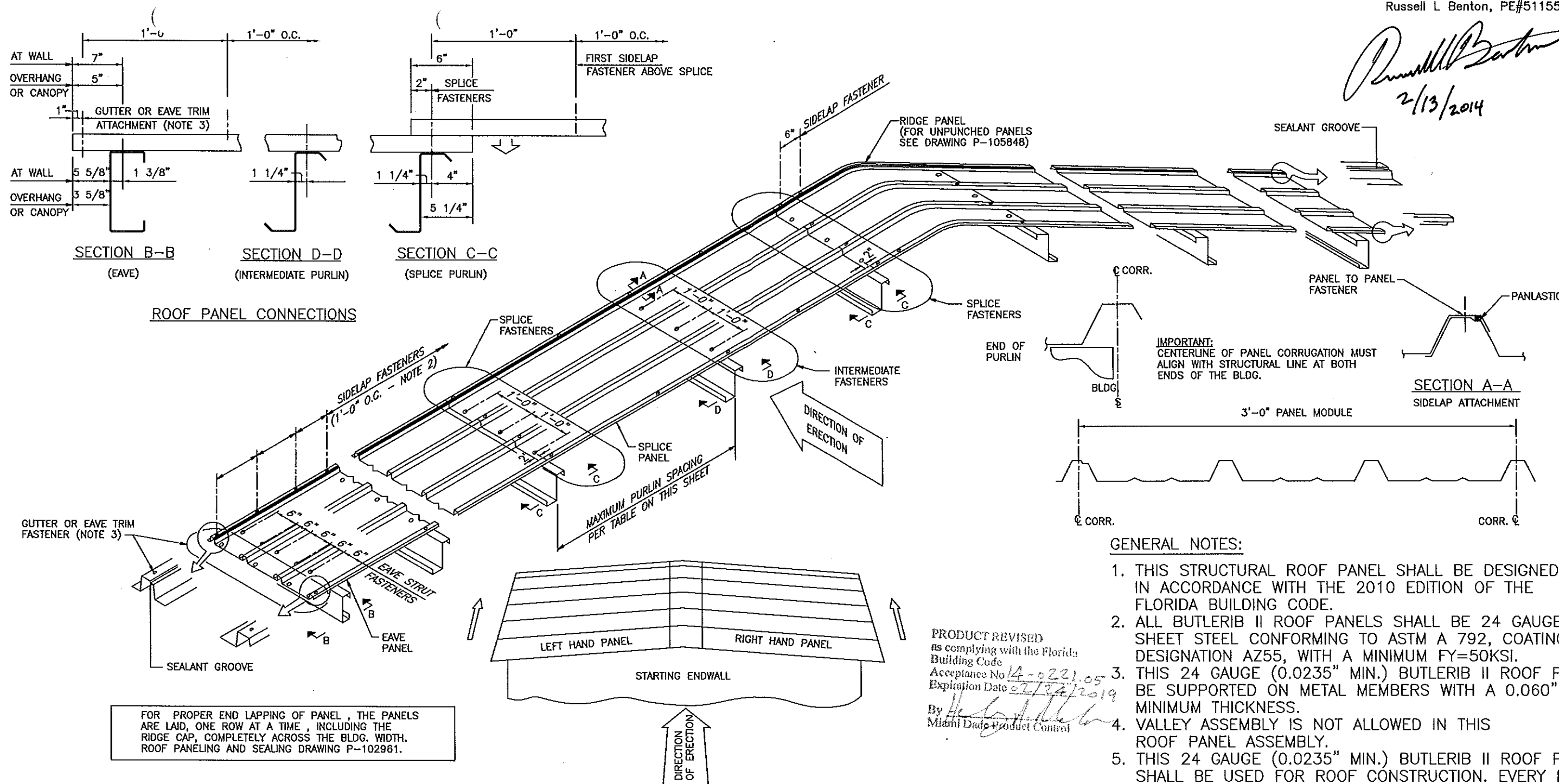
E. MATERIAL CERTIFICATIONS

1. *None.*



Helmy A. Makar, P.E., M.S.
Product Control Unit Supervisor
NOA No. 14-0221.05
Expiration Date: 02/24/2019
Approval Date: 05/15/2014

Russell L Benton
2/13/2014



INSTALLATION NOTES:

1. PANELS ARE INSTALLED WITH SEALANT GROOVE FORWARD TOWARD THE DIRECTION OF ERECTION, WITH THE SEALANT GROOVE CONTINUOUS FROM EAVE TO EAVE. LOOKING AT STARTING ENDWALL FROM OUTSIDE OF BUILDING THIS MAKES LEFT HAND PANELS ON LEFT SIDE OF BUILDING AND RIGHT HAND PANELS ON RIGHT SIDE OF BUILDING. SEE DIRECTION OF ERECTION DETAIL AND DWG P-102961.
2. LOCATE SIDELAP FASTENERS 1'-0" ON CENTER. SEE IMPORTANT SIDELAP FASTENER LOCATIONS NOTE.
3. THE INTERIOR EAVE STRUT STRUCTURAL FASTENERS ARE THE SAME SPACING AS THE INTERMEDIATE PURLINS. INTERIOR EAVE STRUTS ARE LOCATED BETWEEN BUILDING AND WX, CANOPY OR OVERHANG.

PURLIN SPACING

| ROOF ZONE | MAXIMUM PURLIN SPACING | MAX. UPLIFT PRESSURE |
|------------------|------------------------|----------------------|
| FIELD (INTERIOR) | 3'-6" | 55.2 PSF |
| EDGE | 2'-6" | 95.4 PSF |
| CORNER | 2'-2" | 142.2 PSF |

FASTENER SCHEDULE

| LOCATION | PART NO. | DESCRIPTION |
|---------------------|----------|----------------------------|
| PANEL TO STRUCTURAL | 097196 | 3/8"x1" SCRUBOLT |
| PANEL TO PANEL | 097357 | 1/4-14 X 7/8" MINI PT SDS. |

IMPORTANT - SIDELAP FASTENER LOCATIONS:

IT IS EXTREMELY IMPORTANT TO FIELD LOCATE SIDELAP FASTENERS STARTING AT THE LOW END OF BR II ROOF PANELS AS FOLLOWS, OTHERWISE IT COULD CREATE A FASTENER SHORTAGE.

EAVE PANEL WITH GUTTER OR EAVE TRIM: START SIDELAP FASTENERS 1'-0" ABOVE GUTTER OR EAVE TRIM ATTACHMENT HOLES.

EAVE PANEL WITH UNTRIMMED EAVE:

PUNCHED PANELS: INSTALL LOCK-RIVET IN FACTORY PUNCHED HOLE AT LOW END OF EAVE PANEL. START SIDELAP FASTENERS 1'-0" FROM LOCK-RIVET LOCATION.
UNPUNCHED PANELS: START SIDELAP FASTENERS 1" FROM LOW END OF EAVE PANEL.

SPICE PANEL: START SIDELAP FASTENERS 1'-0" ABOVE SPLICE FASTENERS.

RIDGE PANEL: INSTALL ONE SIDELAP FASTENER 6" ABOVE SPLICE FASTENERS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0221.05
Expiration Date 02/22/2019
By *[Signature]*
Miami Dade Product Control

SHEET 1 OF 5

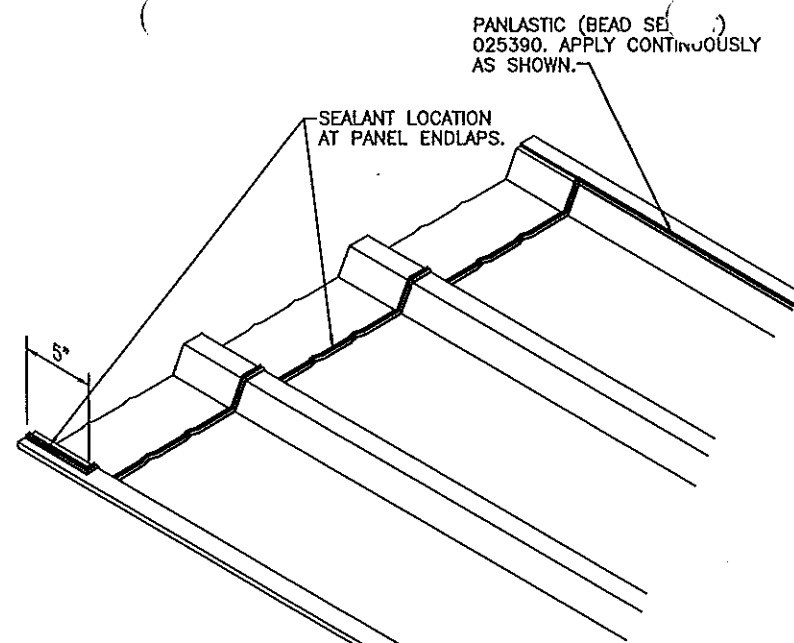
BUTLER
Butler Manufacturing
a division of BlueScope Buildings North America, Inc.
1540 GENESSEE ST.
KANSAS CITY, MO. 64102

BUTLER II PANEL INSTALLATION
DADE COUNTY FLORIDA

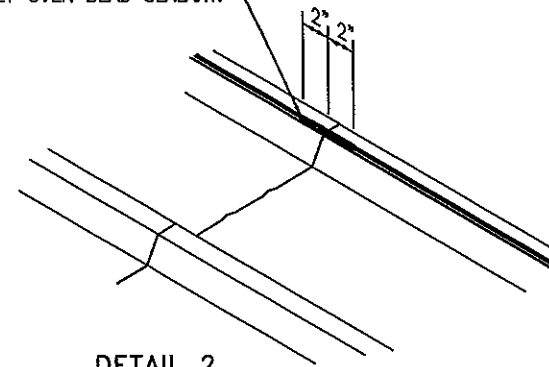
| | | |
|--------------------------------|---------------------------|-------------------------|
| DRAWN BY JRS | CHECKED BY MJH | GROUP NUMBER: 04-030-08 |
| FIRST RELEASE DATE 01/21/10 | REVISION DATE 02/13/14 | B P-081389 04 |

HBC

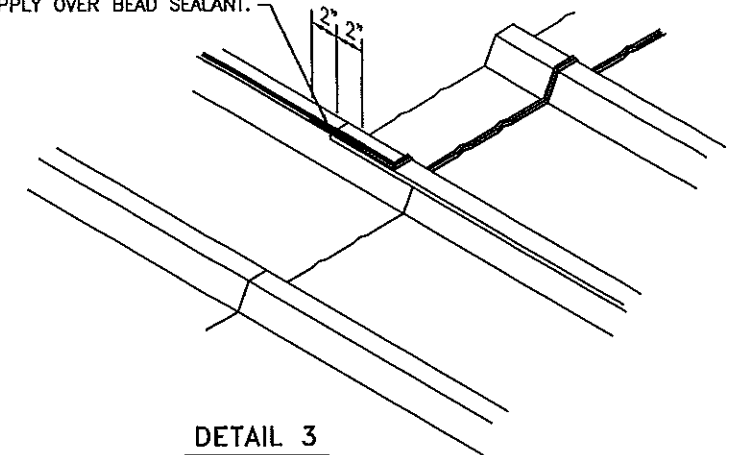
REVISION NUMBER 1
 DATE 07/01/10
 DWBY: CHO
 BSN: RUB
 ADD BUTLER LOGO.



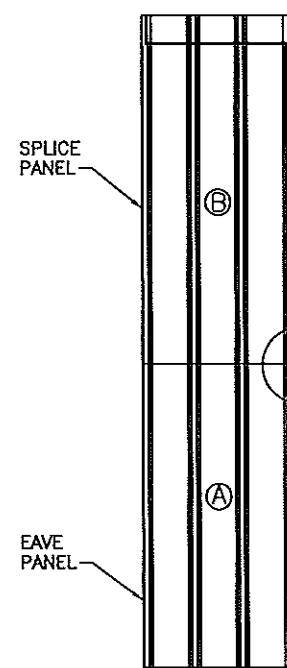
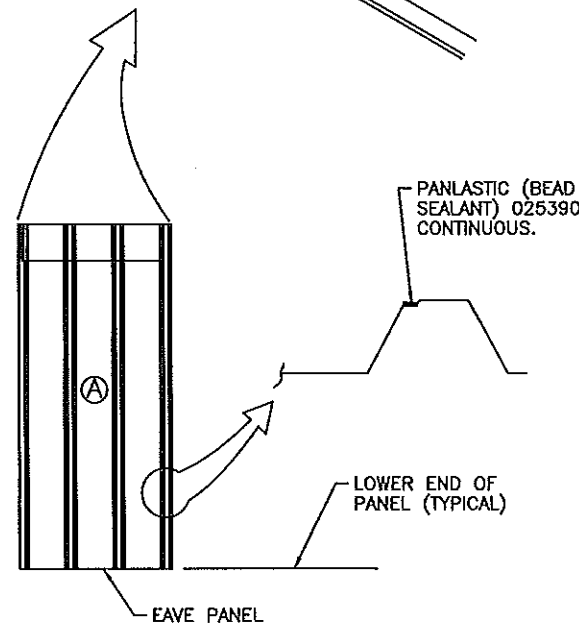
INSTALL 0'-4" OF PANLASTIC (CARTRIDGE TYPE) 025392 AT EACH PANEL TO PANEL END LAP. APPLY OVER BEAD SEALANT.



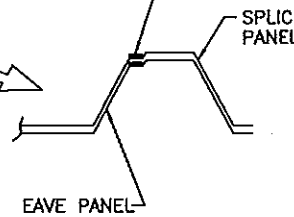
INSTALL 0'-4" OF PANLASTIC (CARTRIDGE TYPE) 025392 AT EACH PANEL TO PANEL END LAP. APPLY OVER BEAD SEALANT.



DETAIL 1



5/16" BEAD OF PANLASTIC (CARTRIDGE TYPE) SEALANT 025392. APPLY OVER BEAD SEALANT.



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 14-0221.05
 Expiration Date 02/24/2019
 By *[Signature]*
 Miami Dade Product Control

WARNING

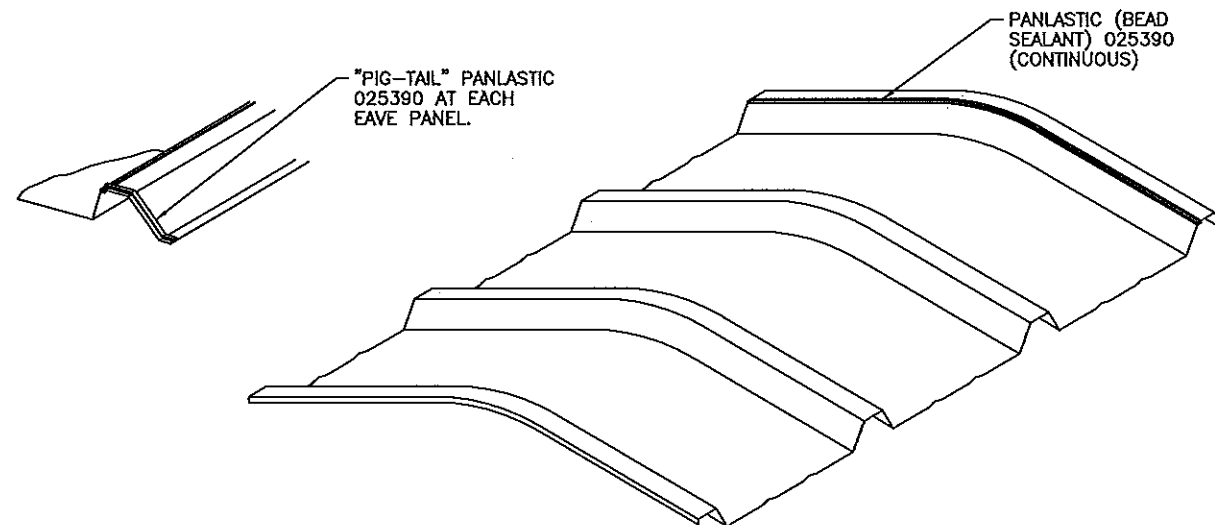
Panels with protective coatings are slippery, proceed with caution wipe clean if necessary.

CAUTION

PANELS MUST BE CLEAN, DRY, AND FREE OF OIL BEFORE APPLYING THE PANLASTIC. AT TEMPERATURES BELOW 40° F THE PANLASTIC IS MORE RESISTANT TO COMPRESSION. SPECIAL CARE SHOULD BE TAKEN TO ASSURE THAT THE PANELS ARE CLOSELY NESTED.

APPLICATION OF PANLASTIC

INSTALL PANLASTIC TO THE IN-PLACE PANEL AS SHOWN---PAPER BACKING TO THE "UP" SIDE.
 RUN THE FINGERS LIGHTLY OVER THE PAPER BACKING TO ADHERE THE PANLASTIC TO THE PANEL.
 REMOVE THE PAPER BACKING BEFORE INSTALLING THE OVERLAPPING PANEL OR APPLYING THE GUN GRADE SEALANT AT THE 4 LAP CONDITION. STRIP THE PAPER BY STARTING AT ONE END AND PULL BACK--NOT UP.
 ALIGN THE OVERLAPPING PANEL AS CLOSELY AS POSSIBLE TO FINAL POSITION BEFORE LETTING IT TOUCH THE PANLASTIC ON THE PREVIOUSLY INSTALLED PANEL.

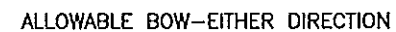
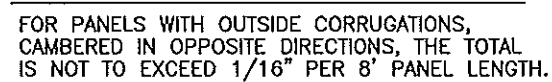
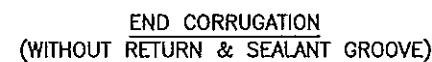
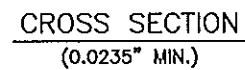


PANLASTIC APPLICATION TO
 RIDGE PANEL

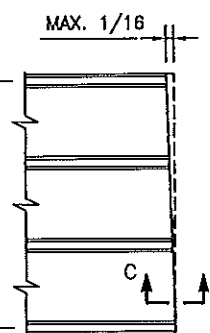
[Signature]
 2/13/2014
 Russell L Benton, PE#51155

BUTLER
 Butler Manufacturing
 a division of BlueScope Building North America, Inc.
 1540 GENESSEE ST.
 KANSAS CITY, MO. 64102

| BUTLERIB II ROOF PANELING AND SEALING DADE COUNTY FLORIDA | | | |
|--|---------------|-------------------------|-------------|
| DRAWN BY | CHECKED BY | GROUP NUMBER: 04-030-08 | |
| JRS | MJH | | |
| FIRST RELEASE DATE | REVISION DATE | | |
| 01/21/10 | 07/01/10 | | |
| | | B | P-081390 01 |




PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0221.05
Expiration Date 02/24/2019
By Heidi A. Miller
Miami Dade Product Control



SQUARENESS TOLERANCE

SHEET 3 OF 5

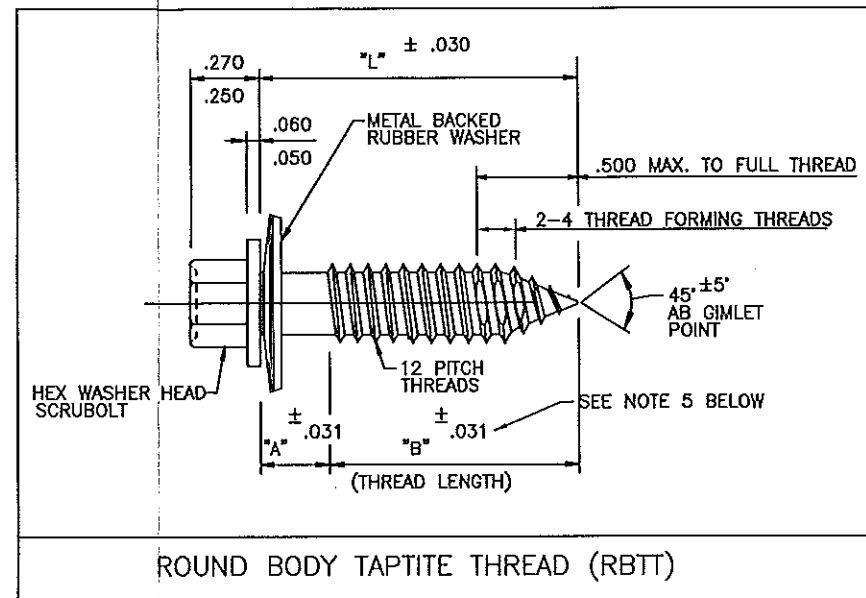
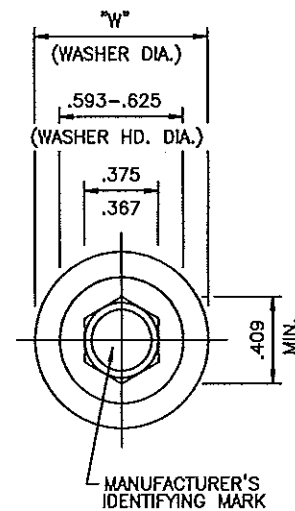
| | | | |
|---|---|-------------------|--|
|  Butler Manufacturing <small>a division of BlueScope Buildings North America, Inc.</small> 1540 GENESSEE ST. KANSAS CITY, MO. 64102 | BUTLERIB II ROOF PANEL DADE COUNTY FLORIDA | | |
| | DRAWN BY | CHECKED BY | GROUP NUMBER: 04-030-06 <div style="font-size: 2em; font-weight: bold; letter-spacing: 0.5em;">B P-081391 01</div> |
| | JRS | MJH | |
| FIRST RELEASE DATE | REVISION DATE | | |
| 01/21/10 | 07/01/10 | | |

Russell B. Smith
2/13/2014

Russell L Benton, PE#51155

HBC

| | |
|-------------------|---|
| DATE 07/01/10 | REVISION NUMBER 1 |
| REVISION NUMBER 1 | REVISE TO BINA TITLE BLOCK AND NUMBER TO P-081391. ADD BUTLER LOGO. |



| ASSEMBLY | | SCRUBOLT WITHOUT WASHER | | | | | | METAL BACKED RUBBER WASHER | | |
|----------|-------|-------------------------|------------|---------------------------|------|------------|-------|----------------------------|------|-----------------|
| | | SCRUBOLT PART NO. | MATERIAL | NOMINAL SIZE (SEE NOTE 6) | "L" | "A" | "B" | WASHER PART NO. | "W" | WASHER DWG. NO. |
| 095984 | 0.031 | 095304 | SS NOTE 1 | 11/32 X 7/8 | .875 | SEE NOTE 4 | .875 | 097436 | .729 | 095016 |
| 096932 | 0.038 | 096930 | ST. NOTE 2 | 3/8 X 1-1/4 | 1.25 | SEE NOTE 4 | 1.250 | 095154 | .729 | 095016 |
| 097104 | 0.039 | 097103 | SS NOTE 1 | 11/32 X 1-1/4 | 1.25 | SEE NOTE 4 | 1.250 | 097436 | .729 | 095016 |
| 097196 | 0.039 | 097195 | ST. NOTE 2 | 3/8 X 1 | 1.00 | SEE NOTE 4 | 1.00 | 095154 | .729 | 095016 |
| 097222 | 0.055 | 097221 | ST. NOTE 2 | 3/8 X 2 | 2.00 | .187 | 1.813 | 095154 | .729 | 095016 |
| 097264 | 0.074 | 096931 | ST. NOTE 2 | 3/8 X 2-3/4 | 2.75 | .750 | 2.00 | 095154 | .729 | 095016 |
| 097270 | 0.060 | 097268 | ST. NOTE 2 | 3/8 X 2-1/4 | 2.25 | .250 | 2.00 | 095154 | .729 | 095016 |
| 097271 | 0.086 | 097269 | ST. NOTE 2 | 3/8 X 3-1/2 | 3.50 | .500 | 3.00 | 095154 | .729 | 095016 |
| 097292 | 0.125 | 097291 | ST. NOTE 2 | 3/8 X 5 | 5.00 | 2.000 | 3.00 | 095154 | .729 | 095016 |
| 097298 | 0.145 | 097297 | ST. NOTE 2 | 3/8 X 6 | 6.00 | 3.000 | 3.00 | 095154 | .729 | 095016 |

SEE NOTE 5

MATERIALS:

1. 410 STAINLESS W/CLEAR CHROMATE, BMC EMS 10,073
2. CARBON STEEL W/YELLOW CHROMATE - BMC EMS 10,073
3. WASHER SPEC. AND DIMENSIONS - SEE DWG 095016

SCRUBOLT WITH FULL THREADS:

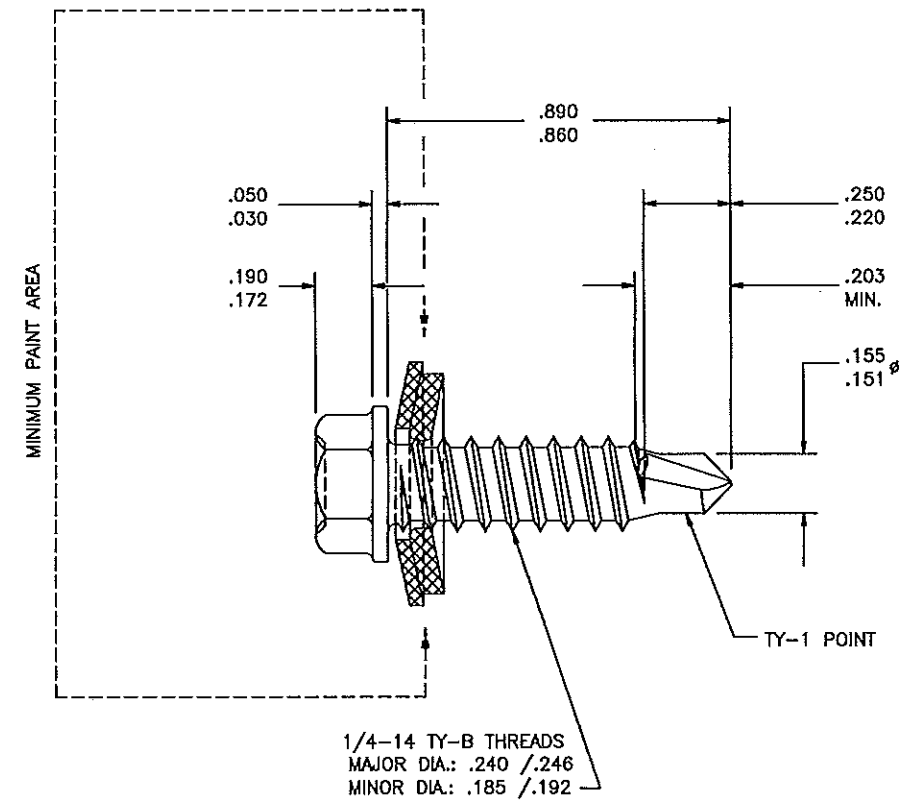
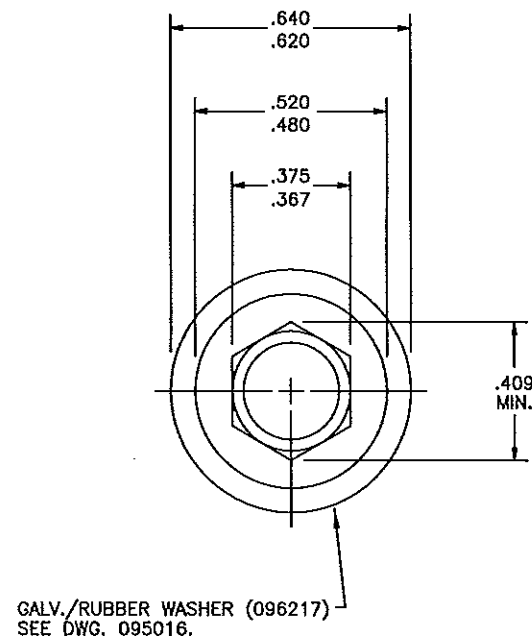
4. FULL THREAD TO WITHIN 1 THREAD OF HEAD & SHANK JUNCTURE.
5. 3" THREAD LENGTH
HAS A ± .050 TOLERANCE
6. DIAMETER OF 3/8" SCRUBOLT IS .367±.003
DIAMETER OF 11/32" SCRUBOLT IS .345±.003

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 14-0221.05
Expiration Date 02/24/2019
By *[Signature]*
Miami Dade Product Control

[Signature]
2/13/2014
Russell L Benton, PE#51155

| | | | | | |
|-----------------------------|--|--------------------------------|--|-------------------------|--|
| | | BUTLERIB II HEX HEAD SCRUBOLTS | | DADE COUNTY FLORIDA | |
| | | DRAWN BY JRS | | CHECKED BY MJH | |
| FIRST RELEASE DATE 01/21/10 | | REVISION DATE 07/01/10 | | GROUP NUMBER: 04-030-06 | |
| B | | P-081392 | | 01 | |

MATERIAL: SELF-DRILL SCREW - CARBON STEEL W/CLEAR CHROMATE - EMS 10,197
 WASHER - GALV./RUBBER - EMS 10,023
 PAINT - 1.0 MIL MINIMUM DFT - S-W POLANE OR APPROVED EQUAL



097357 - 1/4-14X7/8 MINI-POINT CARBON SDS WITH 3/8 IHWH
 THIS FASTENER IS FOR PANEL TO PANEL CONNECTIONS

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 14-0221.05
 Expiration Date 02/24/2019
 By *[Signature]*
 Miami Dade Product Control

[Signature]
 2/13/2014
 Russell L Benton, PE#51155

| | | | |
|--|---------------------------|---|-------------|
| BUTLER Butler Manufacturing a division of BlueScope Building North America, Inc. 1540 GENESSEE ST. KANSAS CITY, MO. 64102 | | BUTLERIB II SELF DRILLING SCREW (MINI POINT) DADE COUNTY FLORIDA | |
| DRAWN BY JRS | CHECKED BY MJH | GROUP NUMBER: 04-030-06 | |
| FIRST RELEASE DATE 01/21/10 | REVISION DATE 07/01/10 | B | P-081393 01 |